

Title (en)
METHODS, ELECTRONIC DEVICES, AND CHARGER APPARATUS FOR QUICK USB CHARGING

Title (de)
VERFAHREN, ELEKTRONISCHE VORRICHTUNGEN UND LADEGERÄT ZUM USB-SCHNELLLADEN

Title (fr)
PROCÉDÉS, DISPOSITIFS ÉLECTRONIQUES, ET CHARGEUR POUR CHARGE USB RAPIDE

Publication
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Application
EP 14899393 A 20140805

Priority
CN 2014083659 W 20140805

Abstract (en)
[origin: WO2016019498A1] USB charger apparatus (110) and chargeable electronic devices (120) are presented in which the device (120) and charger (110) use USB cable data lines (130) to establish a bidirectional communications connection, and the charger (110) provides charger capability information to a master controller (124) of the electronic device (120) via the communications connection. The device controller preferentially selects a fastest charging match between the charger capability information and device charging capability information, and sends configuration information through the communications connection to set the power supply level of the charger (110). The charger (110) communicates power supply status information to the electronic device (120), and the device (120) can reconfigure the charger power supply level accordingly.

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CPC (source: EP US)
H02J 7/00 (2013.01 - US); **H02J 7/00034** (2020.01 - EP US); **H02J 7/00047** (2020.01 - EP US)

Citation (search report)

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- [X] US 2014095899 A1 20140403 - SULTENFUSS ANDREW T [US], et al
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DOCDB simple family (application)
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